

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	1	("4129468").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/03 10:54
L4	726717	(spool\$2 drum\$2 barrel\$4 reel\$2 payout\$2 or pay\$2 adj1 out)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:26
L5	174343	(optic\$3 near2 (fiber\$2 fibre\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:12
L6	14	l4 near3 (strength\$4 adj2 member\$3) same (L5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:14
L7	23	l4 near3 (strength\$4) same (L5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:24
L8	533	385/103,113.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:48
L9	148	l8 and (spool\$2 drum\$2 barrel\$4 reel\$2 payout\$2 or pay\$2 adj1 out)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:53
L10	64	l9 and (greas\$4 lubrica\$4 oil\$2 gel\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:02
L11	1	("5448670").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/03 12:02
L17	11	l9 and (housing) near3 (tube\$2 cylind\$5 longitud\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 13:15
L18	1	("5448670").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/03 13:15
L19	2450	385/100-114.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:53
L20	2	L19 and (spool\$2 drum\$2 barrel\$4 reel\$2 payout\$2 or pay\$2 adj1 out) same (housing near2 cylind\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:58
L21	28	L19 and (housing near2 cylind\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 13:54

## EAST Search History

L23	30	"385"/\$.ccls. and (spool\$2 drum\$2 barrel\$4 reel\$2 payout\$2 or pay\$2 adj1 out) same (housing near2 (cylind\$5 or tube tubular))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:01
L24	19	"385"/\$.ccls. and (spool\$2 drum\$2 barrel\$4 reel\$2 payout\$2 or pay\$2 adj1 out) same (housing near2 (cylind\$5 or tube tubular)) and (optic\$4 near2 cable\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:17
L25	1	("6389787").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/03 14:17
L26	18	385/103,113.ccls. and (planet\$4)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:49
L27	153	385/103,113.ccls. and (planet\$4 or tubular)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:49
L28	18	385/103,113.ccls. and (planet\$4 or tubular near2 (machin\$4 devic\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:54
L29	0	385/103,113.ccls. and (planet\$4 near2 (linear\$4 serial\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:54
L30	1	385/103,113.ccls. and (planet\$4 near2 (tubular linear\$4 serial\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:54
L31	1	385/103,113.ccls. and (planet\$4 with (tubular linear\$4 serial\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:58
L32	0	385/103,113.ccls. and (pluralit\$4 near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 14:59
L33	1	385/103,113.ccls. and ((pluralit\$4 many two several\$3 additional (first and second\$3)) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:01
L34	3	385/100-114.ccls. and ((pluralit\$4 many two several\$3 additional (first and second\$3)) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:03
L35	3	"385"/\$.ccls. and ((pluralit\$4 many two several\$3 additional (first and second\$3)) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:04
L36	7	(optic\$4 near3 cable\$2) and ((pluralit\$4 many two several\$3 additional (first and second\$3)) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:14

## EAST Search History

L37	7	(optic\$4 near3 cable\$2) and ((pluralit\$4 many two several\$3 additional multipl\$4 (first and second\$3)) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:26
L38	13	(optic\$4 near3 cable\$2) and (planetary near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:29
L39	3	(optic\$4 near3 cable\$2) and ((first and second) near2 strander\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:30
L40	161	(optic\$4 near3 cable\$2) and ((planetary))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:30
L41	28	(optic\$4 near3 cable\$2) and ((planetary) near2 (wind\$4 strand\$4 wrap\$4 thread\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 15:31
S1	6	((("5542020") or ("6389787") or ("6205277") or ("4341440") or ("5536528") or ("4129468"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 18:33
S2	9	("3382314"   "4237687"   "4765130"   "4805392"   "5348586"   "6237316"   "6256439").PN. OR ("6389787").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:41
S3	2450	385/100-114.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:42
S4	719416	(spool\$2 drum\$2 barrel\$4 reel\$2)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:11
S5	174343	(optic\$3 near2 (fiber\$2 fibre\$2))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:45
S6	4	S3 and S4 near2 (strength\$4 adj2 member\$2) same S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:48
S7	0	S3 and S4 near2 (strengthen\$4 adj2 member\$2) same S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:48
S8	5	S3 and S4 near2 (strength\$5) same S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:49
S9	533	385/103,113.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 18:50
S10	87	S9 and S4 same S5	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 19:00

## EAST Search History

S11	87	S9 and S4 same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:55
S12	10	S9 and (pluralit\$4 or several\$4 many) near2 S4 same S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:53
S13	1	S12 and (greas\$4 or lubrica\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:54
S14	27	S11 and S5 near3 (wrap\$4 surround\$4 wound\$4 wind\$4) with (strength\$4 support\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 18:56
S15	25	S10 and (greas\$4 lubrica\$5)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 19:11
S16	1	("6389787").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 19:16
S17	1	("6205277").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 19:19
S18	1	("5536528").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 19:23
S19	1	("4341440").PN.	US-PGPUB; USPAT	OR	OFF	2006/03/02 19:25
S20	25	S11 and (greas\$4 lubrica\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 19:41
S21	61015	"385"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 19:41

## EAST Search History

S22	15	S21 and (spool\$2 drum\$2 barrel\$4 reel\$2) near2 (strength\$5 near3 (member\$3 rod\$4))	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 19:43
-----	----	-------------------------------------------------------------------------------------------	------------------------------	----	----	------------------